

Message Text

CONFIDENTIAL

PAGE 01 CAIRO 16711 01 OF 02 071630Z
ACTION OES-07

INFO OCT-01 EUR-12 NEA-10 ISO-00 NRC-05 ACDA-07
CIAE-00 INR-07 IO-13 L-03 NSAE-00 NSC-05 EB-08
FEAE-00 DODE-00 ERDA-05 SS-15 SP-02 AID-05 /105 W
-----122696 071833Z /53

R 071450Z OCT 77
FM AMEMBASSY CAIRO
TO SECSTATE WASHDC 253
INFO AMEMBASSY TEL AVIV
AMEMBASSY VIENNA

C O N F I D E N T I A L SECTION 1 OF 2 CAIRO 16711

USIAEA

PASS NRC

TEL AVIV FOR COMMISSIONER GILINSKY

EO 11652 GDS
TAGS ENGR, TECH, OVIP, EG
SUBJ: VISIT OF NRC COMMISSIONER VICTOR GILINSKY-TALKS WITH
MIN OF ELECTRICITY

REF (A) STATE 224656, (B) CAIRO 15662,

1. SUMMARY: COMMISSIONER GILINSKY HELD CORDIAL AND USEFUL
DISCUSSIONS SEP 29 WITH DEPPRIMIN SULTAN, MIN OF ELECTRICITY
UNDERSEC ABAZA DND OFFICIALS OF NUCLEAR POOWER PLANS
AUTHORITY AND MIN OF ELECTRICITY. LETTER AND "SAMPLE ARRANGE-
MENT" SETTING OUT AREAS AND DESCRIBING CONDITIONS FOR
POSSIBLE NRC ASSISTANCE WAS GIVEN TO SULTAN. MINELECTRICITY
READY TO SIGN AND CONFIDENT, PERHAPS OVERCONFIDENT, ALL OB-
STACLES TO BOTH CONSLUSION OF NUCLEAR AGREEMENT AND TECHNICAL
ASPECTS WILL SOON DISAPPEAR. END SUMMARY

CONFIDENTIAL

CONFIDENTIAL

PAGE 02 CAIRO 16711 01 OF 02 071630Z

2. COMMISSIONER GILINSKY FIRST MET WITH SULTAN AN AND ABAZA AND
PRESENTED LETTER SIGNED BY NRC CHAIRMAN HENRY WITH ATTACHED
SAMPLE SETTING OUT STANDARD TERMS FOR NRC COOPERATIVE ASSIS-
TANCE, E.G., PROFESSIONAL EXPERIENCE, EGYPTIAN NOMINEE WITH
NRC STAFF, TRAINING COURSES, TECHNICAL ASSISTANCE UNDER IAEA
AUSPICES. SULTAN NOTED THAT "EGYPTIAN ATOMIC ENERGY COMMISSION"
HAD BEEN TYPED INTO SAMPLE AND SAID THAT HAD TO BE CHANGED TO

READ "NUCLEAR POWER PLANTS AUTHORITY" (NUCLEAR POWER STATIONS AUTHORITY FOR GENERATION OF ELECTRICITY). HE ALSO REMARKED THAT LETTER WAS ADDRESSED TO ABAZA RATHER THAN THE CHAIRMAN OF THE AUTHORITY (ENG HUSSEIN A SIRRI). SULTAN ADDED THAT AGREEMENT (I.E., NUCLEAR COOPERATION AGREEMENT) WOULD HAVE BEEN CONCLUDED WHEN FIRST PROPOSED BEFORE 1967 HAD IT NOT BEEN FOR "ATOMIC ENERGY SCIENTISTS" WHO COULD NOT TAKE DECISIONS. THESE AND SUBSEQUENT REMARKS MADE IT CLEAR THAT SULTAN SEES NO POLICY OR SIGNIFICANT OPERATIONAL ROLE BEYOND AGREEMENT NEGOTIATIONS FOR DR EL EUBEILLY'S MIN OF SCIENTIFIC RESEARCH AND NUCLEAR ENERGY OR THE ATOMIC ESTABLISHMENT IN NUCLEAR POWER PLAN AREA (VIEW POINT OF ATOMIC ENERGY EST REPORTED SEPTEL).

3. FOLLOWING SULTAN MEETING, GILINSKY MET WITH ABAZA AND FOLLOWING OFFICIALS: DR KAMAL HAMED, CHAIRMAN, EGYPTIAN ELECTRICITY AUTHORITY; DR M F EL-FOULY, DEP CHAIRMAN NUCLEAR POWER PLANTS AUTHORITY; ENG HAMED MABROUK, UNDERSEC OF STATE FOR PROJECTS, MIN OF ELECTRICITY; ENG EMAD SHARKAWI, UNDERSEC OF STATE FOR RESEARCH AND STUDIES, MIN OF ELECTRICITY.

4. MEETING BGAN WITH EGYPTIAN REACTION TO DRAFT ASSISTANCE ARRANGEMENT WITH NRC. REACTION WAS POSITIVE. ABAZA WILLING SIGN ALMOST ON THE SPOT. GILINSKY NOTED DRAFT WAS A STANDARD TEXT WITH A NUMBER OF TECHNICAL/LEGAL CLAUSES (E.G., PATENTS) WHICH SHOULD RECEIVE ATTENTION. HE SUGGESTED MOE STUDY CONFIDENTIAL

CONFIDENTIAL

PAGE 03 CAIRO 16711 01 OF 02 071630Z

DOCUMENT AND GIVE US REACTION AFTER FULL READING. MOE WOULD LIKE NRC TO ASSUME RESPONSIBILITY FOR TRAINING OF SIGNIFICANT NUMBER OF STAFF, AS WELL AS FOR ADVISORY AND POSSIBLY SUPERVISORY ROLE RE DEVELOPMENT AND APPLICATION OF STANDARDS AND GUIDELINES. LIMITATIONS ON NRC ASSISTANCE CAPABILITIES WERE MADE CLEAR, PARTICULARLY THAT NRC COULD NOT EVALUATE GOE PLANS AND GUIDELINES. USE OF CONSULTANTS WAS SUGGESTED; RESPONSE WAS THAT MOST CONSULTANTS (MOE USES BURNS AND ROE) HAVE CLOSE TIES WITH INDUSTRY AND MIGHT NOT BE SUFFICIENTLY OBJECTIVE. MOE WOULD APPARENTLY LIKE TO SEE NRC ITSELF, EITHER DIRECTLY OR THROUGH INDIVIDUAL EXPERTS PROVIDE AT LEAST SOME EVALUATION OF CONSULTATIVE SERVICES AND ASSIST IN SETTING UP GOE REVIEW MECHANISM, IAEA PROGRAMS AND POSSIBLE ASSISTANCE WAS ALSO BRIEFLY REVIEWED.

CONFIDENTIAL

NNN

CONFIDENTIAL

PAGE 01 CAIRO 16711 02 OF 02 071637Z
ACTION OES-07

INFO OCT-01 EUR-12 NEA-10 ISO-00 NRC-05 ACDA-07
CIAE-00 INR-07 IO-13 L-03 NSAE-00 NSC-05 EB-08
FEAE-00 DODE-00 ERDA-05 SS-15 SP-02 AID-05 /105 W
-----122939 071833Z /53

R 071450Z OCT 77
FM AMEMBASSY CAIRO
TO SECSTATE WASHDC 254
INFO AMEMBASSY TEL AVIV
AMEMBASSY VIENNA

C O N F I D E N T I A L SECTION 2 OF 2 CAIRO 16711

USIAEA

PASS NRC

TEL AVIV FOR COMMISSIONER GILINSKY

5. MOE ALSO SAID THEY WOULD LIKE HELP IN EVALUATING AND DEALING WITH CONTRACTOR RECOMMENDATIONS ON COSTS OF REGULATORY MEASURES, PARTICULARLY BACKFITTING REQUIRED BY CHANGES IN SAFETY GUIDELINES/REQUIREMENTS SUBSEQUENT TO CONTRACTURAL AGREEMENTS. IT WAS SUGGESTED THAT MOE MIGHT BENEFIT FROM INFORMAL CONTACTS WITH DEVELOPING COUNTRIES NOW OPERATING POWKER REACTORS, E.G., YUGOSLAVIA, SPAIN, ON TECHNICAL PROBLEMS AND EXPERIENCES WITH CONTRACTORS. IT WAS ALSO BROUGHT OUT THAT NO REACTOR USING EXACTLY SAME DESIGN" SPECS AS EGYPTIAN 600 MW REACTOR HAS BEEN BUILT. GILINSKY NOTED THAT SAFETY EVALUATION REPORT OF DESIGN MAY NOT HAV RECEIVED COMPLETE NRC REVIEW (IE., HEARINGS).

6. MEETING CLOSED WITH REVIEW OF EGYPT'S ELECTRIC GENERATING SYSTEM BY ENG HAMED. EGYPT'S POWER IS 70 PERCENT HYDROLELECTRIC WITH TOTAL PEAK LOAD OF 2100 MW AND TOTAL ENERGY USE OF 11.5 BILLION KWH (1975). GREATEST ELECTRICAL SHORTAGES
CONFIDENTIAL

CONFIDENTIAL

PAGE 02 CAIRO 16711 02 OF 02 071637Z

OCCUR IN DEC BECAUSE OF LOWER WATER FLOW. LOAD SHEDDING AT PEAKS IS ABOUT 100 MW/DAY AND GOES ON CONSTANTLY. HAMED NOTED THAT THERMAL POWER PLANTS IN NORTH ARE IN POOR CONDITION, WHICH HE SAID WAS IN PART DUE TO THE USE OF BUNKER C AS FUEL DURING PERIODS OF DIVERSION OF NORLA FUEL FOR MILITARY PURPOSES.

7. COMMENT: MIN OF ELECTRICITY SEEMS TO BE UNDER ESTIMATING BOTH COST AND TECHNICAL PROBLEMS RELATED TO BUILDING REACTOR. GILINSKY FELT THAT TOTAL COST COULD BE ONE BILLION DOLLARS. HE QUESTIONED SEVERAL BASIC ASSUMPTIONS MADE, EG., 80 PERCENT CAPACITY OPERATION (HE NOTED US AVERAGES ABOUT 50-60 PERCENT) AND EMPHASIZED THE TECHICAL PROBLEMS WHICH WILL HAVE TO BE FACED. EGYPTIANS SEEMED TO FEEL THAT WITH HELP OF US ALL PROBLEMS WOULD BE SOLVED. MINELECTRICITY ALSO SEEMS TO WANT USG EXPERTISE AS AN ADDITIONAL CONSULTING SOURCE. THERE WAS CONCERN THAT, FOR EXAMPLE, BURNS AND ROE MIGHT NOT BE ENTIRELY OBJECTIVE IN EVALUATING BACKFITTING CONSTRUCTION COSTS BECAUSE OF OTHER CONTRACT RELATIONSHIPS WITH WESTINGHOUSE.

8. EGYPTIANS HAVE NOT YET REALLY GOTTEN DOWN TO FULL SCALE SYSTEMS PLANNING. BUREAUCRATICALLY, NEW NUCLEAR POWER PLANT AUTHORITY HAS OVERALL RESPONSIBILITY, UNDER MINELECTRICITY, BUT PROJECT CERTAINLY WILL NEED COOPERATION OF ATOMIC ENERGY ESTABLISHMENT AND MIN OF SCIENTIFIC RESEARCH AND NUCLEAR ENERGY, PARTICURLY IN STAFFING AND NUCLEAR EXPERTISE. MAKING AN EFFECTIVE OPERATIONAL TEAM OUT OF THESE DIFFERING INTERESTS WILL TAKE MORE THAN A TABLE OF ORGANIZATION. EILTS

CONFIDENTIAL

NNN

Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: VISITS, MINISTERIAL MEETINGS
Control Number: n/a
Copy: SINGLE
Sent Date: 07-Oct-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: RELEASED
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment: 25 YEAR REVIEW
Disposition Date: 22 May 2009
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977CAIRO16711
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: GS
Errors: N/A
Expiration:
Film Number: D770367-0008
Format: TEL
From: CAIRO USIAEA
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19771085/aaaactsp.tel
Line Count: 193
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: af63e634-c288-dd11-92da-001cc4696bcc
Office: ACTION OES
Original Classification: CONFIDENTIAL
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 4
Previous Channel Indicators: n/a
Previous Classification: CONFIDENTIAL
Previous Handling Restrictions: n/a
Reference: 77 STATE 224656, 77 CAIRO 15662
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 23-Nov-2004 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 1002273
Secure: OPEN
Status: NATIVE
Subject: VISIT OF NRC COMMISSIONER VICTOR GILINSKY-TALKS WITH MIN OF ELECTRICITY
TAGS: ENRG, TECH, OVIP, EG, (GILINSKY, VICTOR), (ISMA'IL, AHMAD SULTAN)
To: STATE
Type: TE
vdkgvwkey: odbc://SAS/SAS.dbo.SAS_Docs/af63e634-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009